



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lihua Li HUANG\* , et al

Assignee: APPLIED MATERIALS, INC.

Title: ADHESION IMPROVEMENT FOR LOW K DIELECTRICS

Serial No.: 10/801,190

Confirmation Number Assignment: 1633

Filed: 03/15/2004

Group Art Unit: 2812

Attorney Docket No.: 008670/DSM/LOW K

Examiner: Unknown

Santa Clara, California

COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

Attention: Manager

Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on August 2, 2004, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by the inventor(s) Lihua Li HUANG, Tzu-Fang HUANG, Li-Qun XIA, Peter Wai-Man LEE, Hichem M'SAAD, Zhenjiang CUI and Sohyun PARK , in compliance with 37 CFR 1.63 (4 pages);
2. A combined declaration and power of attorney signed by the inventor(s) Jerry SUGIARTO, Executor for Deceased Inventor Dian SUGIARTO, in compliance with 37 CFR 1.63 (4 pages);
3. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

- |   |                        |
|---|------------------------|
| 1. Filing Fee - Original Patent Application (37 CFR 1.16(a))  | \$                     |
| 2. Fees for claims  |                        |
| — each independent claim in excess of 3 (37 CFR 1.16(f))  | -\$                    |
| — each claim in excess of 20 (37 CFR 1.16(c))   | -\$                    |
| — <u>X</u> Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e)) | \$130.00               |
| Total Completion Fees   | <b><u>\$130.00</u></b> |

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR

10/12/2004 DEMMANU1 00000081 501074 10801190

02 FC:1251 110.00 DA

1.17(a)-(d), for the total number of months checked below:

Extension (Months)	Fee for other than Small Entity
<u>X</u> One Month	\$ 110.00
<u>    </u> Two Months	\$ 380.00
<u>    </u> Three Months	\$ 870.00
<u>    </u> Four Months	\$1,360.00

If an additional extension of time is required please consider this a petition therefor.

4. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of March 15, 2004. Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Mail Stop Missing Parts  
Commissioner of Patents and Trademarks,  
P.O. Box 1450

Alexandria, VA 22313-1450

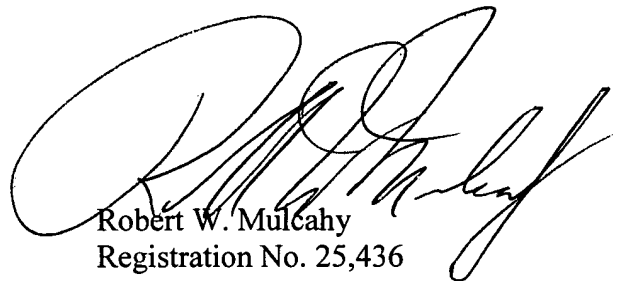
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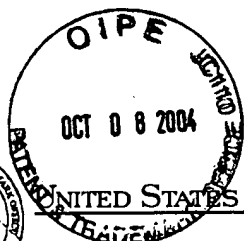
October 5, 2004

Barbara Holt

Barbara Holt

Respectfully submitted,

  
Robert W. Mulcahy  
Registration No. 25,436



UNITED STATES PATENT AND TRADEMARK OFFICE

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1 FWO \$  
 NMP 102

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/801,190	03/15/2004	Lihua Li Huang	AMAT/8670/DSM/LOW K/JW

PATENT COUNSEL  
 APPLIED MATERIALS, INC.  
 Legal Affairs Department  
 P.O. Box 450A  
 Santa Clara, CA 95052

AUG 10 2004

COMPUTER ENTERED

AUG 11 2004

CONFIRMATION NO. 1633

FORMALITIES LETTER



\*OC00000013407832\*

Date Mailed: 08/02/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

### Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

### SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450

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01 FC:1051 130.00 DA

*A copy of this notice **MUST** be returned with the reply.*

R. Nagga

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE